

PREFERRED EQUIPMENT – INSTRUMENTATION AND INDUSTRIAL NETWORKS

Power supply	Siemens / SITOP series
Relays	Omron, ABB
Terminal relays	Weidmuller , Klippon
Terminals	Klippon, Weidmuller, Phoenix
Cable glands	Pratley Envirogland
Junction box	York enclosures, CCG
Ultrasonic level meter	Siemens
Ultrasonic Flow Meter (OCM)	Siemens
Area Velocity Flow Meter (OCM)	Pulsar
Radar level meter	VEGA
electromagnetic flow meter	Krohne, Siemens
Other flow meters (Ultrasonic- Clamp)	Krohne,
Coriolis Flowmeter	Krohne,
Flow switches (LED Indicators)	EGE, IFM
Pressure Transmitter (Gauge & Differential Pressure)	VEGA, Rosemount, Siemens,
Orifice Flow Element	Siemens, EPC, Emerson
Chlorine gas leak detectors	Siemens, Grundfos
Residual chlorine meter	Siemens, Grundfos
Dissolved oxygen meter	Hach LDO type,
Turbidity meter	Hach, Endress & Hauser
Temperature measurement	Wika, Siemens
Pressure gauges	Wika
Air flow meters-Thermal resistance type	Endress & Hauser
Proximity switch	efector (Shorrock Automation), IFM
Limit Switches	Omron, Cutler and Hammer
Solenoid operated valves- Stainless Steel	Bürkert , Asco
Pneumatic actuators	El-O-Matic, Festo
Electrical Valve actuators (Modbus TCP)	Auma , Rotork, Schiebel
Surge Protection	Surgetek: Signals : BCT BE24 Line: DEHNguard 275 Neutral: DEHNgap B Mains: DehnVentil 255
UPS (30 Min)	APC , Eaton,
SCADA	GeoSCADA Telemetry , Aveva Plant SCADA
PLC	Schneider Modicon M580 ePAC, M340 for Sanitation and Siemens S7 1200 or 1500 for water.
RTU	Elpro, Schneider SCADAPack
HMI	Schneider Magelis STU with 15” touch-screen or the latest
Industrial Ethernet network switch	Managed / Unmanaged –Hirschmann

SCADA Server	Stratus
--------------	---------

SIGNATURE :
(of person authorised to sign on behalf of the Tenderer)

DATE: